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Agriculture
GENERAL DESCRIPTIVE LIST

**THE HOLLOWAY
SEED and GRAIN CO.**

GARDEN AND FIELD SEED



221 ELM STREET

AND

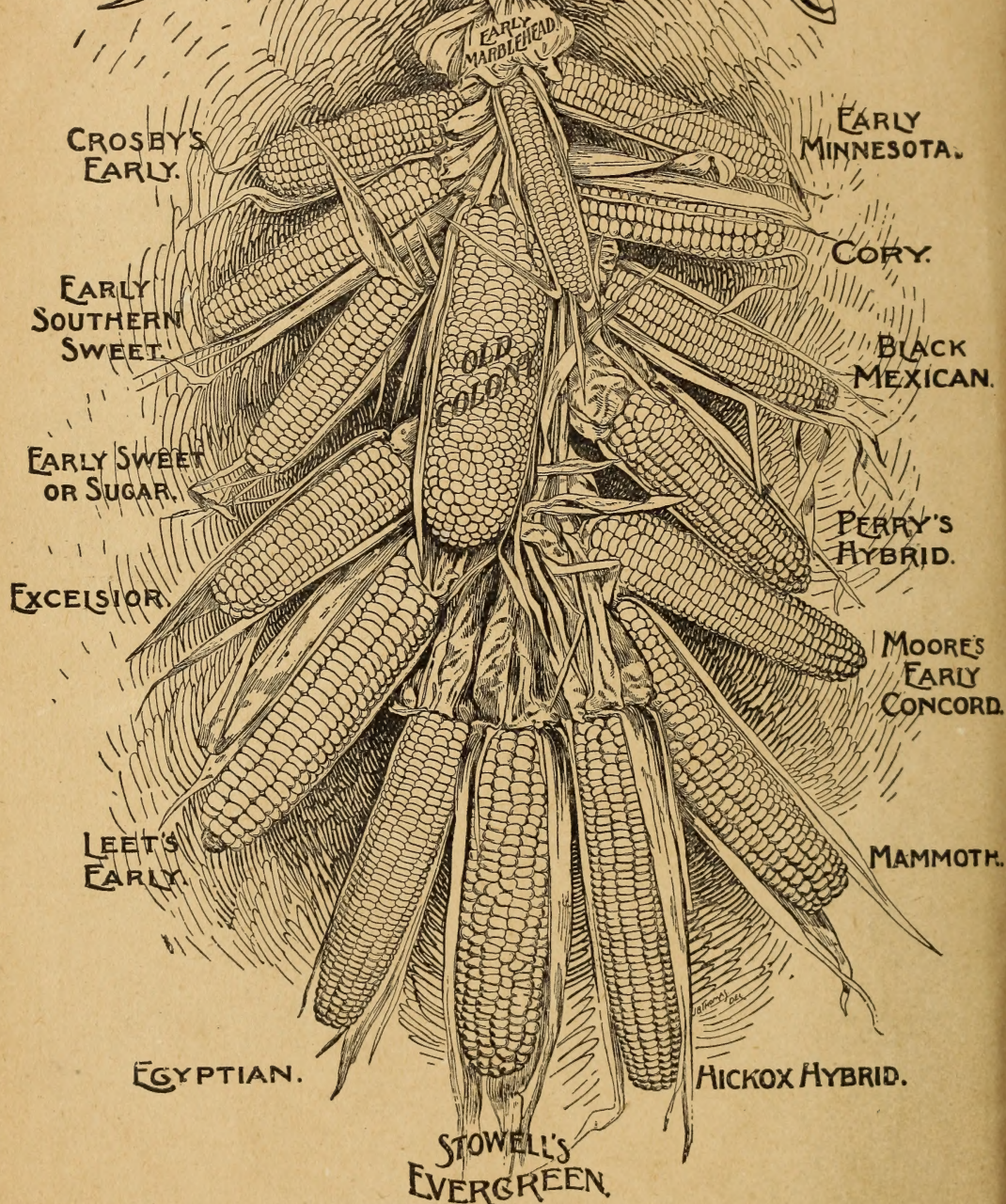
220 PACIFIC AVE.

WAREHOUSE:

97, 99 AND 101 LAMAR STREET.

DALLAS, - - TEXAS.

LEADING VARIETIES OF SWEET CORN



ESTABLISHED 1874=====REORGANIZED 1897

Holloway Seed & Grain Co.

Over a Quarter of a Century in the Business

221 Elm Street and
220 Pacific Avenue.

WAREHOUSE:
Lamar St. and M. K. & T. Ry.

DALLAS, TEXAS.

To Our Friends and Customers:

The Importance of Sowing Good Seeds.

VEGETABLES of good quality cannot be grown without first sowing reliable seeds; it is exceedingly annoying, after ploughing, sowing and cultivating your garden for an entire season to find that, instead of having spent your time and money profitably, you have lost heavily in obtaining a spurious article; this is really a growing evil among Seed Dealers who have been springing up all over the country the last few years, like so many mushrooms, without having any knowledge of their business, or brains enough to conduct it if they should, and very frequently make errors in handling it, or putting up in orders the wrong variety. If druggists were as careless in compounding their prescriptions as many are in selling seeds, they certainly would gain great notoriety in the courts of justice. When you make your purchases, be satisfied that the parties from whom you obtain your supplies are reliable, or that such a house has a good reputation, and expect to pay a fair price for what you obtain. There are plenty of cheap seeds, as well as any other article in the market, and it would be always advisable to guard against them; a dollar saved in that line is not always a dollar earned, but very frequently you will lose twenty for every one invested.

It has been our aim, since we established our business (over thirty years) to supply the public with seeds grown from selected stocks, and which are, in every instance, fresh and pure; to accomplish this, all seeds from our establishment are either grown by us or especially for us, and to insure their purity, the crops are carefully inspected while growing. This continued care has established for us the enviable reputation of the present day, and where they are sold in competition with those of other houses they invariably become the most popular; this has been demonstrated with several cities and towns that we could mention, where, a few years since, we had not a single customer, but, by hard pressure, succeeded in introducing our seeds, and now supply the entire demand of those places. Annual supplies are shipped to customers in almost all parts of the United States, South Africa, East and West Indies, S. America and Mexico, and there is scarcely a town in this country where they are not either sold or yearly planted by some of its inhabitants.

Our Onion Seed is raised for us in St. Claire County, California, and have proven superior to Northern raised seed. We have scores of letters from the largest onion growers in this and adjoining states who have tried both, and say that they will have none but the California grown seed, as they grow larger and quicker and are better keepers than Northern grown seed. Numbers of our customers write us they raised from 300 to 500 bushels to the acre when others who used Northern seed made a failure. It is a mistake for the people in the South to think they have to send North for seed. Many have found this out at a great expense to themselves and are now placing their orders with us for next year's seed. We carry the largest and most select stock in the South.

We are headquarters for Alfalfa Clover Seed, shipping direct from the growers in Colorado and California in large quantities. Our Sorghum, Millet and Kaffir is shipped to us direct from the growers and every bushel is re-cleaned seed and from Johnson grass and injurious weeds. Market price.

We carry a full line of grass seed at all times. Our Bermuda we ship direct from the Bermuda Islands, and flower seed we ship direct from Europe, and sell in bulk. Flower seed after they are one year old are worthless. Always ask for bulk seed.

Our firm is the oldest and largest of the kind in Texas and the honest representation made of the seeds offered is appreciated by customers who became familiar with our establishment years ago; their commendations annually bring us new patrons.

Terms of Sale: Cash With Order.

Remittances may be made at our risk by draft, postal or express order or registered letter. We furnish all seed at the price named, postage paid, except on peas, beans, corn, onion sets and other heavy seeds. For all heavy seed add 8 cents per pound for postage. Orders by express should give full shipping directions to save delay. When ordering by freight be particular to give name of the road you want them shipped on.

When making out your order be careful to give name and address on the enclosed order sheet, and full shipping directions. We give a discount of 5 per cent from retail catalogue on all garden seeds when the order is accompanied by the cash.

A confidence exists between the people and our seeds. An acquaintance and experience of over a quarter of a century of mutual service, employment by us of every known means to give purchaser tested seeds of the highest quality at the lowest price at which they can be produced and sold, certify that patrons not only get the best seeds that grow, but an assortment of varieties it pays to grow in the Southern States.

JERUSALEM ARTICHOKE

Yield 500 bushels to the acre. Plant any time from January to April. Plant three bushels to the acre, in rows three feet apart, cultivate same as Irish Potatoes. The greatest feed for hogs ever known. Price per bushel.....\$1.00

**Artichoke Jerusalem.**

sandy ground is preferable. Dig trenches one foot deep, cover with sand and a topping of well rotted manure. Price per hundred.....\$1.00

ASPARAGUS

This favorite vegetable should be planted in every garden and no garden is complete without it. No vegetable does better, none needs less work. Plant three-year-old roots in January or February. Ground should be well worked, and rich; Price per hundred.....\$1.00

Beans**Early Dwarf Black Wax**

One of the finest of snap beans. This is an entirely new bean.



A strain from the old favorite black wax. Much earlier and more productive. Pods round and a rich golden color.

Price per pt.....15c Per bu.....25c Per peck.....\$1.50 Per bu.....\$6.00

Wardell's Kidney Wax

The very strong growing vines of this variety yield a large crop of long, nearly straight, very white, wax-like, handsome pods. These are of good quality and always command a ready sale, making the variety one of the most profitable for the market gardener. It matures about the same time as

the Golden Wax. The dry beans are large, kidney shaped, white, with dark markings about the eye. 15c pt; 30c qt; 4 qts \$1.10.

Rustless Golden Wax

This bean is an improvement on the Golden Wax. The pods are larger and thicker and absolutely rust proof, and out yield the Golden Wax two to one in the past season. The kind offered by us is known as the Keeney's Improved Rustless Wax. Qt 25c; peck \$1.75; bu \$7.00.



Davis Kidney Wax

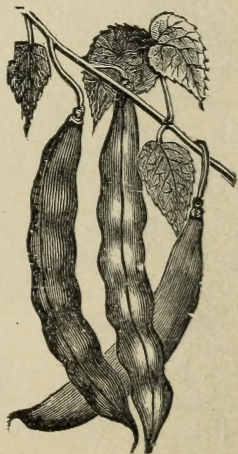
Something that American bean growers have wanted for years, a wax podded bush bean with white seed. The pods are a light golden color and well filled with large white beans of the most delicious quality. The vines are strong, vigorous in growth, and hold their pods far above the ground, considerably higher than the Improved Golden Wax. Test yields with other leading bush wax varieties showed over one-third heavier yield on the same ground. Another and most valuable point is earliness. It is equally as early as Golden Wax, Detroit Wax or Perfection Wax, and the beans are of a much finer flavor. By all means give it a trial this season. Pint 20c; quart 35c; peck \$2.00; bushel \$7.00.

Yellow Six Weeks Bean

This the earliest six weeks bean that grows. Plant in March and April. Per quart 25c; per bushel \$6.00.

Beans--Running. Crease Back Pole Bean.

This well known variety is highly esteemed in the South. It is the most productive pole bean grown. It is entirely stringless and distinctly creased along the back, hence the name. It is very early in ripening, long before any other pole bean. Price, quart 30c; peck \$1.75; bushel \$7.00.



Beans—Bush or Snap

CULTURE—Beans can be planted for succession from the end of February to October. One pint plants 100 foot row. Drop one bean every two or three inches in rows 18 feet apart. Cover two inches deep.

Extra Early Red Valentine—For snaps there is nothing superior to this variety among the green podded sorts, and many prefer it to the wax varieties. Vines erect with dark green leaves and large white blossoms; pods medium length, very fleshy, crisp and tender. Among green podded varieties there is none, we think, that can compare with our stock of Valentine in fleshiness and high quality of pod. It is the best sort for this section. Per peck, \$1.75.

Best of All—Pods long, very fleshy, succulent, stringless, and rich in flavor; produced early and abundantly; one of the most valuable green podded beans for either market or family use. Per peck \$1.50; per bushel \$5.00.

Early Mohawk—An old standard sort, very hardy. Per peck \$1.50; per bushel \$5.50.

Early Refugee—A favorite for canning and pickling. Per peck \$1.75.

Dwarf Horticultural—Good as a snap or shelled bean. Per peck \$1.55.

Burpees Bush Lima—A perfect dwarf lima bean. Quality equal to any pole variety, Per peck \$2.00.

Henderson's Bush Lima—Smaller than Burpee's, but earlier and very prolific. Per peck \$1.75.



Pole Beans

CULTURE—Plant from March to July, in hills three feet each way, four or five beans to a hill. One quart will plant 100 hills, 12 quarts one acre.

Southern Prolific—No variety bears larger than this. It stands the heat of summer better than other sorts and is planted to succeed them. If planted in July and August will continue to bear until frost. Peck \$1.50; bu \$5.50.

White Dutch Case Knife—Very early and productive. Good either as a string or shell bean. Per peck \$1.75; bushel

Kentucky Wonder—Very early and enormously productive. The best green podded pole bean. Per peck \$1.75.

Tall German Black Wax—Yellow Pods, richly flavored, stringless. Pk \$2.

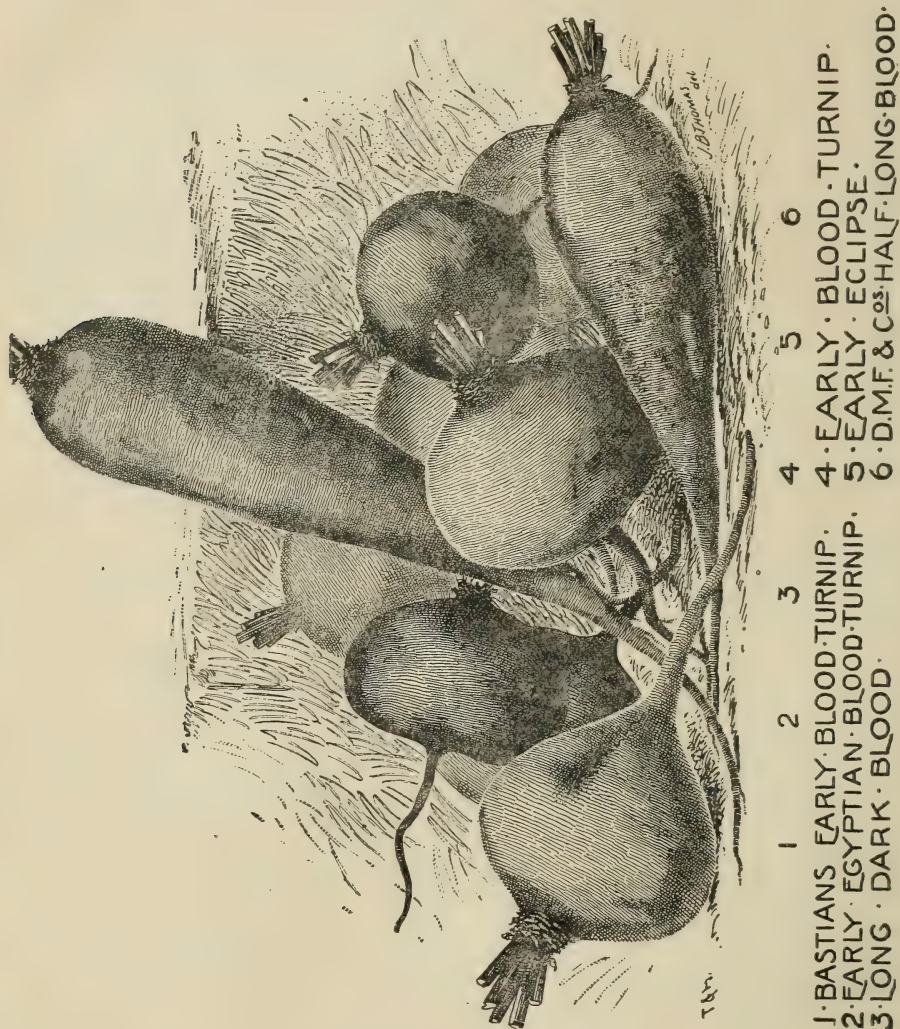
Large White Lima—The best shell bean known, either green or dried. A splendid productive sort. Per peck \$2.00.

King of the Garden Lima—Beans of unusual size, quality perfect. Per peck \$2.00.

The Old Homestead or Kentucky Wonder—This bean is without exception one of the most prolific and one of the best pole beans for the South. It grows until frost and stands drouth better than any other variety. Seed scarce. Price 35 cents per quart, \$7.50 per bushel.

Beets—French Sugar

This variety is planted very extensively for stock and contains a very large percentage of sugar. Grows to a good size and producing 500 bushels to the acre. Price per pound 40 cents.



Norbitian Giant

This Wurzel grows to an enormous size, often weighing 50 pounds each. It is extensively used by stockmen for winter feed. Plant seed in March, in rows three feet apart, five pounds to the acre. Price per lb 30 cents.

**Green Scotch Kale.**

Brussel Sprouts

A very desirable vegetable, requiring no special culture different from cabbage, and deserving of a more prominent place in every garden. Sow in spring and transplant like cabbage.

Borecale or Kale

This variety is known as Curley Greens or Kale. Can be sown like cabbage, in spring or fall, and transplanted. They will continue to grow all winter.

Price per ounce 10 cents
Price per pound \$1.00

Cabbage

All Season

This variety of cabbage is planted very extensively for fall and winter use. It matures in about ninety days and is a sure header.

Price per ounce 15 cents
Price per pound \$2.00

Early Winnigstadt

This desirable variety produces heads twice as large as the early York, and is very solid and just as early and a general favorite in the South with market gardeners.

Price per ounce 15 cents
Price per pound \$2.00

Early Spring

The earliest flat-headed variety. A wonderfully compact plant with few outer leaves, so that a great number of fine, solid heads can be produced on an acre. Although it does not come to full maturity as early as Jersey Wakefield it becomes solid enough to use about as early and is by far the best early sort for those markets that demand a cabbage of the Flat Dutch type. The plant is vigorous, with short stem. The leaves are large, broad and of a peculiar light green color. The heads are oval and very large for the size of the plant, nearly equaling those of the latter kind.

Packet 5 cents
1 ounce 15 cents
2 ounces 25 cents
 $\frac{1}{4}$ lb 50 cents
1 lb \$1.50

Early Jersey Wakefield

The Earliest and Hardest Heading of Extra Early Cabbages.



EARLY JERSEY WAKEFIELD.

Among the many extra early varieties that have originated in this country and Europe there is none better adapted to American methods of culture and the American market than Early Jersey Wakefield. The plants are very hardy, not only to endure frost but also unfavorable conditions of soil and moisture. It is safe to ship the heads younger than would be possible with most varieties, and at the same time they will remain in condition for use longer than ordinary early sorts. The leaves are thick, short, and are of fine quality. This variety is the best sort for wintering over and for very early setting. We offer a stock from carefully bred and selected plants which is much superior to that ordinarily sold. Packet 5c; oz. 15c; 2 oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$2.00.

Hollander or Danish Ball Head



This variety came originally from Europe and sometimes sold as Dutch Cabbage, German Export, Solid Emperor, etc. The plant is very vigorous, rather compact growing, with a longer stem than most American sorts, and is exceedingly hardy, not only in resisting cold but dry weather as well. The head is made up of very thick, broad leaves, which overlap each other more than most sorts. It is very solid, and stands shipment so well that it arrives at its destination in very attractive condition. In quality it is one of the best, being very white, crisp and tender. Packet 5c; oz. 25c; 2 oz. 40; $\frac{1}{4}$ lb. 70c; lb. \$2.00.

The Faultless



The Faultless Cabbage.

This variety resembles the early Flat Dutch, but grows larger, and a sure header.

Oz.....15 cents

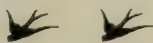
Lb.....\$2.00

Early Drum Head

A large second crop Cabbage, very compact, hard head and a good seller.

Oz.....15 cents

Lb.....\$2.00



Early Peerless

This Cabbage grows very large and firm, follows the Early Jersey Wakefield in heading.

Oz.....15c

Lb.....\$2.00



Cucumbers



Early White Spine

This variety is the earliest and most productive Cucumber that grows; it is not only the earliest, but produces Cucumbers of the finest form and most saleable size for shipping purposes.

Oz.....20 cents

Lb.....

Long Green

A Cucumber well known, of excellent flavor and color, very early and a good shipper.

Seed scarce; crop nearly a failure.

Early Cluster

The best variety for pickling, abundantly bearing in large clusters and of a pickling size.

Oz20c

Lb.....

Carrots

Long Orange

A coarse growing variety, generally grown for stock feeding. It is of an orange color and very productive.

Lb.....50 cents

Stump Rooted

A splendid variety for table use; good shape and fine flavor.

Ox Heart

A large short Carrot, suitable for stock feeding.

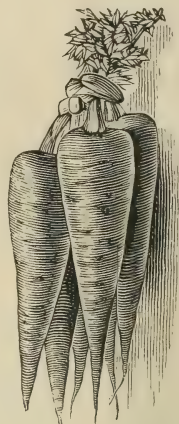
Oz.....10 cents

Danvers

Half long scarlet; an intermediate or half long variety, stump rooted, of handsome form, of bright orange color, and very productive; a desirable kind for market gardeners.

Oz10c

Lb.....\$1.00



Corn-Sugar

The Cory

This Corn will produce ears for boiling in fifty days from planting. It has a larger kernal than other varieties. Our stock comes from Mr. Jos. Cory, the originator.

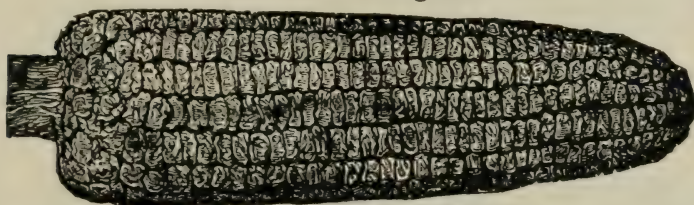
Price per quart.....	20 cents
Price per bushel.....	\$3.50

Country Gentleman

This variety, for all purposes, is the best Sweet Corn that grows. It produces from three to four ears to the stalk. It is of delicious flavor and is without doubt the sweetest of Sugar Corns.

Price per quart	15 cents
Price per peck	\$1.00
Price per bushel.....	\$3.50

Stowell's Evergreen



STOWELL'S EVERGREEN.

This is the most popular of all varieties and is used either for canning or table purposes. Very prolific.

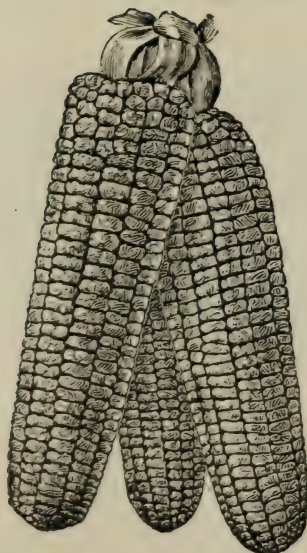
Quart	20 cents
Bushel.....	\$3.50

Mammoth

The largest of all the Sugar Corn varieties, producing ears of mammoth sizes, very productive, sweet and tender, and of a delicious flavor.

Albemarle Prolific Seed Corn

163 $\frac{3}{4}$ bushels shelled grain from one acre
Price per bushel, \$2.00.





Kaffir Corn.

Kaffir—A non-saccharine Sorghum that has been extensively grown and found a very valuable fodder for stock, and produces an enormous amount of seed and never fails to make a crop.

Price per bushel\$1.00

Broom Corn

Missouri Evergreen, Dwarf Evergreen and Tennessee Evergreen.

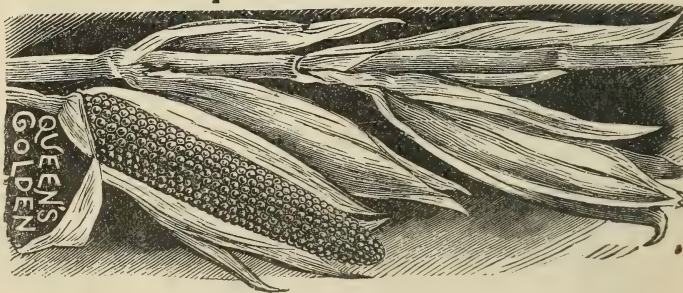
Bushel \$2.00

Pop Corn

Queen's Golden

This variety is grown quite extensively in the south and is very prolific.

Quart.....20 cts.



White Rice

This kind is the best to raise for the market and always sells higher than any other kind.

Price per quart.....10 cents

Price per peck\$1.00

Field Corn

The Farmer and Planter can never exercise too much care in the selection of seed corn for planting; as over half of that sold in the various stores is nothing more than the ordinary quality for feeding purposes, but possibly better screened. We have made the growth of Seed Corn one of our specialties for many years and send out samples which are perfect in both their appearance and growth, and will venture to say that there is no brand of seed corn more sought after than that of ours. In husking we select the finest and purest ears, and when thoroughly dry take off the small points before shelling; our samples are then thoroughly tested to insure growth; this continued selection has increased both the size of the ear and grain of every variety of field corn we sell. Our Seed Corn is raised in Iowa, Nebraska, Kansas and Missouri. We are careful to select the finest varieties grown and the best adapted to this climate. The great advantage of Northern grown Seed Corn is that it matures from thirty to forty days earlier than Texas raised corn, and consequently escapes the usual drouth which late varieties are subject to. Our seed is selected from corn which produced from seventy-five to a hundred bushels to the acre. We recommend the Golden Beauty, Pride of Missouri, Iowa Gold Mine, White Pearl, and Iowa Silver Mine, as being the earliest and most prolific. Market price, \$1.25 per bushel.

Early Golden Beauty

with from fourteen to twenty rows of straight golden yellow grains of remarkable size, and filled out to the extreme end of the cob. The fine quality of the grain makes it very superior for grinding into meal. It cannot be recommended too highly. Our seed is grown for us in the North and is pure. Matures in ninety days.

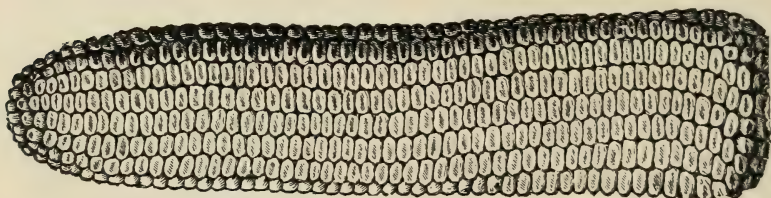
Quart.....	10 cents
Peck.....	50 cents
Bushel	\$1.25



Southern White Snowflake

In sections where white varieties of corn are preferred, the only kind that should be planted is the "Buist's Snowflake," as for its earliness, productiveness, and fine quality, it has no equal. We introduced it in '97 especially for the South, and recommended it as being equal to the Early Golden Dent which we introduced some years previous.

Northern Early White Pearl.



This is the earliest of all white field corn, and produces larger and finer ears than any other on an average year. Eighty-five day corn. Will make one hundred bushels to the acre.

Mexican June Corn

This is the Corn for the South, and never fails. Can be planted in June, July and August. Stands any amount of drouth. Mr. Jones, a prosperous farmer of this county, says he raised forty bushels to the acre without a drop of rain after the crop was planted in June. Two crops a year can be raised from this corn. It also makes large quantities of fodder

Price per bushel

Silver Mine

This is without exception the earliest and most prolific corn grown, often producing 100 bushels to the acre. Will mature in 85 days.

Peck.....	50 cents
Bushel	\$1.25

White Hickory King

The great feature of this corn is the large grain and the small cob; so large are the grains that if a cob is broken in two one grain will cover the end of the cob.

Peck.....50 cents
Bushel\$

Kansas Sunflower

This corn was planted in Texas last year extensively and proved to be the corn for Texas. A number of our customers raised 100 bushels to the acre. Matures in 90 days, and the ears are of uniform shape and a fine golden color.

Peck.....40 cents
Bushel\$1.25

Golden Beauty

One of the reliable kinds to plant for a general crop. Matures in 100 days.

Yellow Golden Dent

This is the earliest yellow corn that grows, and is very prolific.

Bushel\$1.25

Yellow Giant Gourd Seed Corn

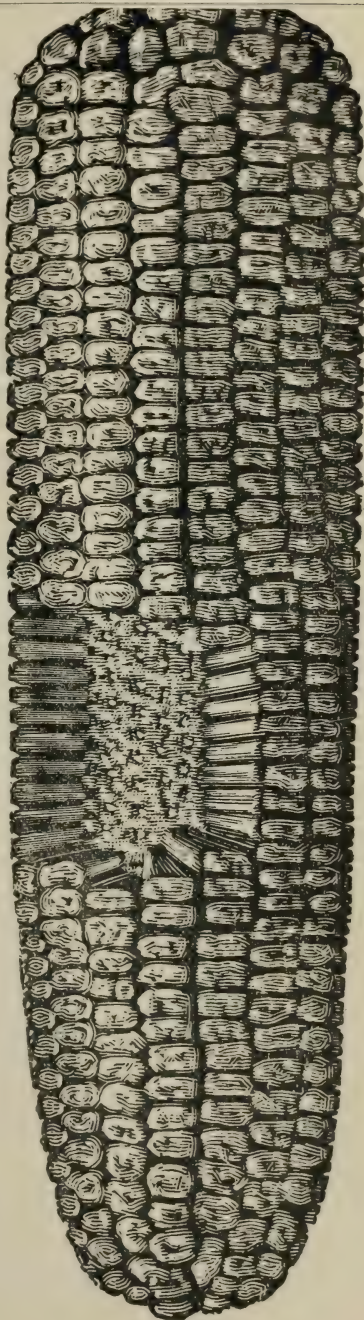
This celebrated corn produced over 120 bushels to the acre, near Dallas last fall, and is the finest yellow grain corn that grows.

Bushel\$2.00

White Gourd Seed Corn, same as the yellow in quantity. Bushel, \$2.00

Prince of Missouri

Matures in 95 days. Produced 125 bushels last year.



Egg Plant

This variety is grown very extensively by all market gardeners in the South. Seed is difficult to germinate. It requires a very strong heat to germinate. Sow in hot beds early in spring, and transplant in April, 20 inches deep.

Ounce.....	25 cents
Pound	\$2.50



New York Purple

Horse Radish

The quickest way to get a good stand is to plant cuttings early in January, 4 inches apart and 4 inches deep, then cover with 2 inches of rich soil or sand.

Dozen.....	10c	Per 100.....	\$1.00
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Kohl Rabi

The Kohl Rabi is a vegetable intermediate between the cabbage and turnip, and combines the flavor of each. The edible part is a turnip shaped bulb, formed by the enlargement of the stem. When used for the table this should be cut when quite small, as it is then very tender and delicate, but if allowed to reach its full size it becomes tough and stringy.

Early White Vienna

Very early; small, handsome, white bulb. Best early variety for table. Packet 5c; oz. 25c; 1 oz. 40c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.

Early Purple Vienna

Nearly like the last, except in color. This is a bright purple. The leaf stems are tinged with purple. Packet, 5c; oz. 30c; 2 oz. 55c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$2.75.

Large Green

Hardy, quite late, and used for feeding stock. Bulbs large, weighing 8 to 19 pounds, whitish green in color; leaves large and numerous. Packet 5c; oz. 15c; 2 oz. 25c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.50.



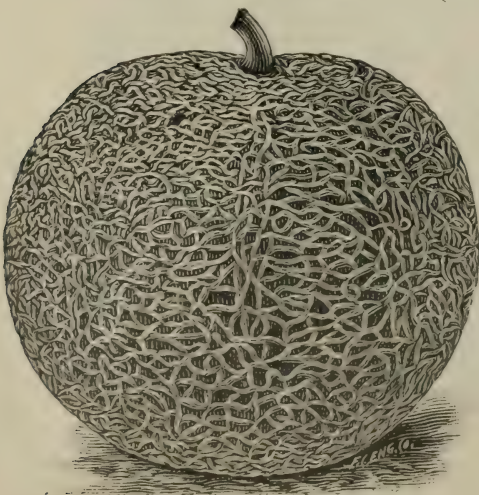
White Star

This is without doubt the finest lettuce that grows.

Forms a close, compact head, grows large, and one of the finest shippers. Used extensively by market gardeners.

Price per oz.....10c

Price per lb.....\$1.00



Lettuce

Buttercup Lettuce.....	19c per oz
Black Seeded Simpson	10c "
Hanson Lettuce.....	10c "
Pyrehead	10c "
Grand Rapids.....	10c "
All Cream.....	10c "

Denver Market

This variety has been only recently introduced. Quite a favorite with market gardeners. Forms solid heads and very slow to go to seed; very crisp and tender and of excellent flavor.



Musk Melon

Texas Cannon Ball Cantaloupe

This famous melon originated in Texas.

It is perfectly round and of a very fine flavor.

It is sweet and luscious and of a dark rich Salmon color.

One of the best shippers.

Price per oz.....10c

Price per lb.....\$1.00

Headquarters for Fruit Boxes



Rocky Ford

This celebrated melon originated at Rocky Ford, Colorado, and is of a very fine flavor and one of the best varieties for shipping.

Per oz10c

Per lb\$1.00

Paul Rose



This celebrated melon originated in Georgia. It is a cross between the Netted Gem and the Osage. It is a salmon flesh color and very sweet; one of the finest cantaloupes that grows; fine shipper. Oz. 10c; lb. \$1.00.

HEADQUARTERS FOR FRUIT BASKETS

Water Melons

Gypsy or Georgia Rattlesnake

One of the largest varieties, and stands shipment long distances. Fruit cylindrical, square at the ends, smooth, distinctly striped and mottled light and dark green. Fresh bright scarlet, and very sweet.

Packet 5c; oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; lbr 50c.

Dixie

A popular market sort. Vine vigorous, large growing and hardy; fruit medium sized to large, about one-third longer than thick. Color of skin dark green, striped with a lighter shade; rind thin but tough; flesh bright scarlet, ripens close to the rind, is of the best quality and free from the hard, coarse center which is so objectionable a feature of many shipping melons. Packet 5c. oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; lb. 50c.



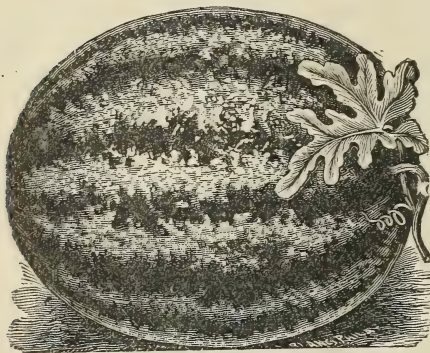
This is a Blue Kolb Gem, pronounced by large Southern growers the coming shipping melon of the United States. It possesses the shipping and keeping qualities and is as tough as Kolb Gem, reaching better size and with less culls. Mr. T. H. Johnson, of South Carolina, the largest melon shipper of the South—his yearly shipments being 250 cars, or 300,000 melons—regards Blue Gem the greatest shipper, quality infinitely superior to the Kolb Gem, sells better and will keep longer than any known melon. Everybody who can grow a melon should try a Blue Gem, and large growers need not hesitate to plant it extensively. Packet 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c, postpaid; by express, lb. 80c; 5 lbs. and over. 75c per lb.

Black Diamond

This melon was raised in Texas two years ago for the first time, and without exception is the finest and largest melon that grows. They sold in this market last year at 50 cents each when other varieties were selling at 5 cents each. They are of a very dark green color; flesh red; seed black; grow from 50 to 100 pounds each. It is a cross between the Kolb Gem and Hoosier King. As a shipper it has no equal. These melons sold in the Northern market at \$50.00 per car higher than any other variety.

oz. 10c

lb. 50c



Kolb Gem

Improved Kolb Gem

This is an improvement on the old Kolb Gem. The meat is of a richer red, and ripens about a week earlier than the old Kolb Gem, and a heavier yield. Price, lb. 50c.

Triumph

This celebrated melon originated in Georgia, and is without doubt the largest melon grown. Price, lb. 50c.

Jones Pride of Georgia

Price, lb. 50c.

McIver Wonderful Sugar Melon

This is without doubt the sweetest melon grown. The melon grows oblong, resembling the rattlesnate in shape, attaining great weight, and of a very handsome appearance. Never cracks or loses its fine flavor in the wettest season. It is very productive and will take the lead wherever known. Price, lb. 50s.

OUR MELONS ARE ALL GEORGIA RAISED.

Onions

Australian Brown

Is becoming a great favorite with the largest onion growers in Texas. This season they did better than any other variety and are the best keepers and almost as productive as the Prizetaker. Price, lb. \$1.50.

California Early White Globe

This is a very handsome onion, of splendid quality, a good keeper and very productive. The best kind for early green onions from seed, maturing as early as the sets. Ll. \$2.00.

Extra Early Red Globe

This is the earliest of the red varieties and comes into market in June, only requiring about 90 days to mature. Seed scarce. Price, lb. \$1.75.

**Silver King**

This is a grand Onion. It is a mommoth grower, of a beautiful white color and grows very large and a fine keeper. Lb. \$1.50.

Our seed is raised under contract for us in the celebrated St. Clair Valley, California. Hundreds of farmers and gardeners who tried them last year will testify to their quality and superior keeping

qualities and flavor; of enormous size, often weighing from two to three pounds each. Oz. 15c; lb. \$2.00.

Large Globe Danvers

This is a very popular variety, a good shipper and a good keeper. It produces from 200 to 300 bushels to the acre. Oz. 15c; lb. \$1.50.

White Bermuda

Nery large and extra early, unusually mild and delicate in flavor. An attractive sort for early market. Oz. 20c; lb. \$2.00.

Red Bermuda

Similar to the above, but red in color; even more popular. The best extra early onion. Oz. 20c; lb. \$2.00.

Onion Sets

Our onion sets are raised for us in Kentucky and are superior to Western grown sets. All are selected and true to name. Price on application. White Silver Skin, El Paso, White Pearl, Red Bermuda, Red Wethersfield, Yellow Danver, Prizetaker, White Potato, Winter Shallot or Multipliers. Genuine top or Button Onion Sets.

Peas

Early Morning Star



Early Morning Star

This pea is planted extensively by the market gardeners in the South, and is the most productive early pea that grows. Plant in January, February and March. Qt. 25c; bu. \$7.

Royal Dwarf Marrowfat

This is the best of the large White Marrowfat, and far more productive—producing pods of much larger size. Qt. 25c; bu. \$4.

Bliss Everbearing

A second early wrinkled pea; grows about two feet high, producing a succession of crops. Peas are of a large size and fine flavor. Qt. 25c; bu. \$6.

First and Best

This is the earliest and best of all extra early varieties; it ripens up uniformly and is very productive.

Champion of England

A green wrinkled variety. Second early pea, very productive and fine flavor and a large producer. Grows about three feet high. Qt. 25c; bu. \$6.

Nott's Excelsior

A very popular dwarf pea, producing a profusion of long, handsome pods well filled with large fine peas of excellent quality; grows about 12 inches high. Qt. 30c, bu. \$7.

Alaska, or Earliest Pea

This beautiful blue variety and the earliest of all blue varieties is being planted extensively for an early crop by the market gardeners. The vines are dwarf, only growing about 15 inches high; very uniform and excellent quality. Qt. 25c; bu. \$6.

Pumpkins

Large Mammoth. Kentucky Field, Connecticut Field, Tennessee Sweet potato, Quaker Pie. Plant in March and April. Lb. 50c.

Citronelle Pumpkin
Mammoth
Big Tom
Mammoth
Mammoth

Seed Potatoes

We are headquarters for Seed Potatoes, and were the first to introduce the celebrated Tennessee Triumph into Texas—nearly twenty years ago. We ship this potato direct from the grower in Tennessee. We also carry in stock the New York Rose, Michigan Rose, Peerless, Early Ohio, and Bliss Triumph. Price, in barrels, \$5.00. *3.50*

Prices of Potatoes by the barrel fluctuate. The prices quoted here are about as we expect them to be during January, but we will take pleasure in quoting prices at any time upon request, or will fill any orders entrusted to us at lowest prices at the time the order is received. *12.50*

Bliss Triumph

This is the earliest potato that grows. Price per barrel *3.50* \$4.

Tennessee Triumph

We ship this potato from Galletin and Memphis, Tenn., in car lots—direct from the growers. Price per barrel, \$5. *3.50*

Early Ohio

Our stock of these is of extra fine quality, especially for seed purposes in the Red River district, in the North, famous for its superior Early Ohio Potatoes. We could not supply the demand for this variety last season, and it fully maintains its great popularity as an extra early variety, giving entire satisfaction wherever grown. The tubers are oval, oblong, round at the seed end. It is an excellent keeper, very productive, of fine quality.

Triumph or Red Bliss

An extra early potato, round in shape, pink skin, white flesh, and of handsome appearance. This seems to be specially adapted to southern soil and climate, and a great favorite with southern planters.

Beauty of Hebron

This is the most productive of all potatoes, and nearly as early as the Rose and a little better keeper. Price per barrel, \$3.50.

SLUG SHOT

is one of the best destroyers of the Potato Bug and is much used.



Pepper



Ruby King.

Red Cherry, Red Chile, Yellow Chile, Long Red Cayenne, Celestial, Golden Dawn, Sweet, Sweet Mountain, Sweet Bull Nose, and Ruby King Pepper.

Ruby King

An improved American kind, reaching the largest size yet retaining the size and shape of the smaller sort; it is a very sweet pepper, of a mild flavor and bright color; one of the best for stuffed pickles.

Oz. 20c; lb. \$2.50

Pepper should be planted in a hot bed in February and transplanted in March and April in rows two feet apart.

Radishes

Early Scarlet Turnip

The standard early turnip radish, mild and of fine flavor. Oz. 5c; lb. 60c.

Scarlet Globe Turnip

This variety is the best for forcing and market gardening purposes; shape, roundish oval; skin red. Oz. 5c; lb. 60c.

White Vienna

A large, showy, white, half long sort; very rapid grower, often maturing in six weeks; the best summer radish that grows. Oz. 5c; lb. 60c.

Long Chartier

Different in appearance from any other; it is a fine radish and a favorite with market gardeners for spring and fall planting; color, deep scarlet with white tip. Oz. 5c; lb. 50c.



White Tip

Salsify or Vegetable Oyster

Mammoth Sandwich Island Black Salsify. Sows early, in drills, and thin out 4 inches apart; roots hardy; fine winter vegetable.

Oz.....10c

Lb.....75c

Spinach

New Zealand, Bloomsdale, Prickly or Winter, Long Standing, Savoy Leaf. The Bloomsdale is considered the best for the South and grows all winter; plant in drills one foot apart; plant in spring and fall.

Oz.....5c

Lb.....25c

Squash

White Bush—Used extensively by market gardeners, considered the best for the South; plant in March.

Oz. 5c; lb. 50c

Yellow Crook Neck—Quite a favorite; a good seller.

Oz. 5c; lb. 50c

Hubbard—A fine variety, very prolific, a good seller, grows very large, is a good keeper.

Winter White Crook Neck—This squash is planted for winter use and is a fine keeper.



LEONARD'S MAMMOTH BUSH SCALLOPED

Oz. 5c; lb. 50c.

Rhubarb or Pie Plant

Large roots 15c each, \$1.00 per doz; seed \$1.50 per lb. Directions for planting: Put the roots in the ground one foot deep, cover up with rich soil with a top dressing of manure. Plant in January and February.

Rare Dwarf Essex, For Sowing

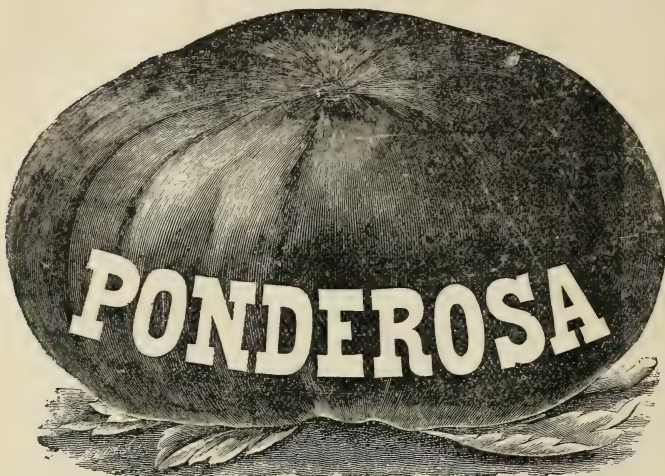
There is only one "best" variety of Rape for forage and that is Dwarf Essex. Do not be deluded into buying inferior grades by unscrupulous dealers or exaggerated advertisements. There is no plant that will give as heavy yield of forage at such small cost as this, and its general cultivation would add largely to the profits of American farms. Especially valuable for green maturing and pasture. When fed off by sheep, it will probably do more to restore and make profitable exhausted soils than any other plant. Beware of the worthless annual variety that is often sold and which is not only worthless for forage, but once planted is liable to become a pernicious weed. Biennial.

CULTURE—Prepare the ground as for turnips and sow in fall and spring with a turnip drill, in rows 2½ feet apart, at the rate of 4½ lbs. of seed per acre. It may be sown broadcast at the rate of 5 lbs. per acre. ¼ lb. 10c; 1 lb. 25c, postpaid. By freight or express at purchaser's expense: 10 lbs. \$1.00; 100 lbs. \$8.00.

HEADQUARTERS FOR FRUIT BOXES AND BASKETS.

Tomatoes

Ponderosa



This variety grows to an enormous size and is considered one of the finest tomatoes that grows.

Oz. 25c; lb. \$2.50

Non Plus Ultra

The best tomato in the world for an early tomato; it ripens 10 days before any other; the color is bright red. It is very productive, ripe and out

of the way before other kinds are ripe. Oz. 25c; lb. \$2.50.

Beauty

We have been selecting this to a larger, smoother fruit than the original stock, and think we have made it the smoothest and best of the large purple sorts. Vines large, vigorous and heavy bearers; fruit large, uniform in size, very smooth, color of skin purplish pink; flesh light pink and of excellent flavor. While we think the color weak for canning, it is used considerably for this purpose. Packet 5c. oz. 20c; 2 oz. 35c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

New Stone

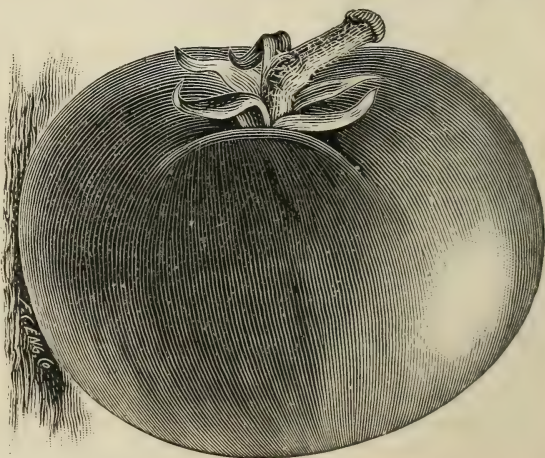
Excellent for main crop, for market or canning; the fruit is smooth and very large, many of them weighing over a pound; solid and firm, stands shipping well and is very attractive in appearance.

Oz. 20c; lb. \$1.50.

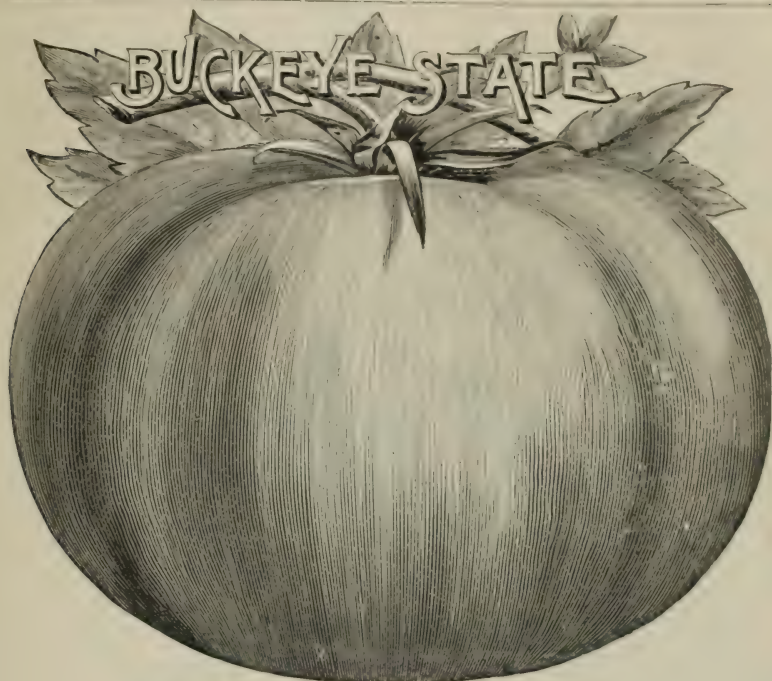
Acme

The favorite with gardeners for an early general crop, and a good shipper.

Oz. 15c; lb. \$1.50.



LARGEST SEED HOUSE IN THE SOUTH.



Buckeye State

A mammoth growing tomato, of smooth form and extra quality; the largest fruited variety yet introduced, and the most productive.

Oz. 15c

Lb. \$2.50

Yellow Pear

This is the tomato grown for preserving; it is very prolific and continues to bear until frost. Oz. 15c; lb. \$2.00.

Leonard's

Earliest Tomato in the World. The best and smoothest of all extra early varieties: all gardeners should plant these for first crop. Oz. 25c; lb. \$2.50.

Dwarf Champion

This is the favorite with market gardeners for a general crop, and the most prolific; also one of the earliest, and used for shipping very extensively; rich color, fine flavor. Oz. 25c; lb. \$3.00.



HEADQUARTERS FOR TOMATO BOXES.

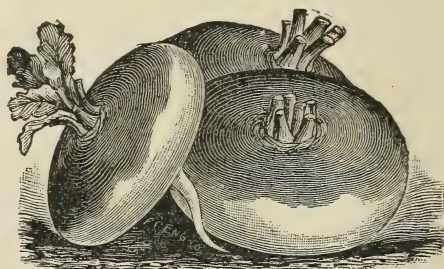
Turnips

Strap Leaf

This is one of the best kinds, and is planted extensively for a fall and spring crop.

Oz.....5c

Lb.....30c



Purple Top Milan

This is the earliest in cultivation—two weeks earlier than Strap Leaf; flesh hard, white, of a fine quality and an extra good keeper.

Oz.....5c

Lb.....50c

Southern Prize Turnip	per lb
Big White Georgia	"
White Fleshed Sorts—	
Extra Early White Milan	60c "
Extra Early Purple Top Milan	40c "
White Egg	" "
Early White Flat Dutch, Strap Leaved	" "
Early Purple Top, Strap Leaved	" "
Purple Top White Globe	" "
Cow Horn, or Long White	" "
Large White Norfolk	" "
Pomeranean White Globe	" "
Sweet German, true	" "
Seven Top, for greens	" "

Farm Seeds

Oats

Royal Victoria

This celebrated oat produced 100 bushels to the acre last year and is rust proof.

Peck 25c

Genuine Texas Rust Proof

This is the best kind for a general crop; often produces over 100 bushels to the acre.

Bu 75c

Wheat

Little May, Bardless, Fultz Improved, Mediterranean Bearded, Spring Wheat, Blue Stem, Velvet Chaff, Nicarauga.

Bu \$

Barley

Winter Barley, bushel \$1.00

Bearless, bushel.....

Spring Barley, bushel 1.00

Highland Chief, bushel..... 1.00

Rye

Winter and Spring, bushel \$1.00

Clover

Red

Sow in the fall, or March, at the rate of 15 pounds to the acre.

Bu \$6.00

White Dutch

This clover is planted in parks and lawns; does well mixed with English Blue or Kentucky Blue Grass, and grows well under shade trees.

Per lb. 20c. Requires 25 lbs to acre.

Burr

This clover is raised extensively in California, and does well in the South. Per lb. 15c. Requires two bushels to the acre; plant in spring and fall. Alsike and Espersette at market price.

Bu \$3-00



Royal Victoria.

Sorghum Seed

This crop is indispensable in Texas. On an average year it can be cut twice, and makes three or four tons to the acre at each cutting, and commands \$10.00 to \$12.00 a ton on this market, finding a ready sale. It requires one and a half to two bushels to the acre broadcast, and one peck to the acre when drilled. The seed is very scarce this season on account of the drouth last summer.

Per bushel, market price \$1.00.

Amber and Orange are the two principal varieties. Plant in March, April, May and June.

Millet Seed

This seed is planted extensively in the spring. The large German is the best variety. Sow one bushel to the acre. Seed scarce.

Price per bushel.....\$1.50

Pure Cotton Seed

Buy the best. Our experience with cotton seed of different varieties the last few years has convinced us that the following kinds do better here in Texas than any others: The Russell Big Boll, King's Improved Five Lock, Hawkins' Improved, Jones' Improved Long Staple, Jackson's Limbless, Shines' Extra Early. Per bushel

Long Staple and Storm Proof

The cotton we offer this season is raised by reliable farmers from seed furnished by us last spring and we know the seed to be pure and superior in quality to the average cotton seed in every respect.

Allan's Improved sold for \$10.25 per 100 when other kinds sold for \$9.25, and produced two bales to the acre.

Bushel75c

The Hawkins Improved was sold for \$10.25 when the other cotton sold for \$8.25, and produced two bales to the acre in this county.

Bushel75c

Improved Russell's Big Boll. This cotton brought a higher price than the average cotton and produced over one and a half bales to the acre in Dallas county. We offer this superior cotton at 75 cents per bushel; stock limited.

Clover

Crimson Clover, per bushel	\$6.00
Califoania Alfalfa, new crop, per bushel.....	7.75
No. 1, Colorado Raised, per bushel	6.50
No. 2, Kansas " " "	6.00
Japan Clover, per pound	25c
Alsike " " "	20c
Sweet " " "	20c
White " " "	20c
California Burr Clover, per pound	15c
Turkeston Clover, per pound.....	20c

Directions for Planting Clover, Etc.

The ground should be well prepared. Ground should be well plowed a few days before the seed is to be sown and then harrowed until the ground is thoroughly pulverized and smoothed, and seed should be sown as soon as possible after the plowing is done—before the clods have time to bake. The ground should be harrowed the last time with a Thomas harrow or one similar, in order to leave the ground as smooth as possible. These directions will apply to any kind of grass seed as well as clover, especially alfalfa clover and Japan clover. The time for sowing grass seed is October, November, March and April. Same thing applies to all kinds of clover. In planting alfalfa clover, do not plant oats or any other grain with it, as it requires all of the strength of the ground the first year. It also requires all of the sun to make it grow. Alfalfa requires 25 pounds to the acre to make a good stand the first season. Be sure to get the best seed, as the best is the cheapest.

Oats

Virginia Winter Turf, per bushel.....	
Black Winter, " "	
Culberson's Winter Turf, per bushel.....	
Texas Red Rust Proof, " "	

Bermuda Grass Seed

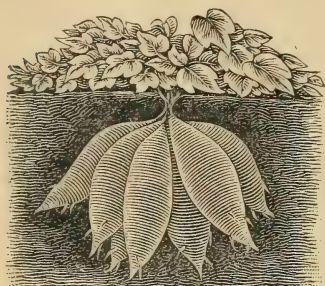
NEW CROP JUST ARRIVED

Bermuda, per pound	75c
Canadian Blue Grass, per pound.....	15c
Colorado Grass, " "	10c
Orchard Grass, " "	15c
Rescue Grass, " "	10c
Meadow Fescue, " "	15c
Bromus Enemiss, or Brome Grass, per pound	15c

Sundries, or Miscellaneous

Teosinta, a valuable forage plant, \$1.00 per lb.

Fertilizers—Tobacco Dust, Bone Meal, Pulverized Oyster Shell, Tobacco Stems, Kaffir Corn, Dhoura Corn, Milo Maize, Jerusalem Corn, Silver Hulled Buckwheat, Japan Buckwheat, Broom Corn, Dwarf and Missouri Evergreen, Tobacco Seed, Magic Stock Food, Royal Insect Powder, best made, California Burr Clover.



Yellow Vineless Sweet Potatoes.

Bird Seed—Hemp, Rape, Canary, Millet, Mow, Cuttle Bone, Mocking Bird Food. 10c lb.

Chufas—The nuts resemble almonds in taste, are very fattening for hogs and poultry, and grow in great quantities. Seed should be soaked before planting.

Peanuts, Spanish—This variety is smaller and sweeter than the Virginia, and are easily harvested.

Peanuts, Virginia—This is the large common variety of the South and a very profitable crop.

Plants

Strawberry, Rhubarb, Asparagus, Cabbage, Tomatoes, Sweet Potato, Pepper, Egg Plant, Violet Sweet English, Blackberries, Raspberries, Dewberries, Gooseberries, Grapes.

What Seeds Should be Planted in the Different Months.

This Applies to the South Only.

JANUARY—Sow Turnip, Radish, Cabbage, Beets, Spinach, Parsley, Lettuce, Schallots, Onion Sets, Peas, Horse Radish, Asparagus, Tobacco.

FEBRUARY—Plant extra early Peas, Cabbage, Cauliflower, Lettuce, Spinach, Radish, Mustard, Tomatoes in hot beds.

MARCH—Plant Onion Seed, in drills. The four best kinds for Texas are Australian Brown, Prize Taker, Yellow Globe and White Portugal. Plant Pepper, Tomatoes, Corn, Beans, Cabbage, Sweet Corn, Irish Potatoes, bed Sweet Potatoes, Oniou Sets, Alfalfa Clover.

APRIL—Transplant Cabbage and Tomatoes; plant Watermelons, Canteloupes, Pole Beans, Squash, Cucumbers, Hepper; sow Sorghum, Millet, Corn, Alfalfa Clover.

MAY—Plant Millet, Kaffir, Corn, Peas, pole Beans, Peanuts, Black Eye Peas, Cow Peas, Sorghum Seed, Milo Maize; transplant Sweet Potatoes.

JUNE—Plant Millet, Sorghum, and Kaffir Corn.

AUGUST—Plant for fall garden, Turnip, Cabbage, Radish, Lettuce, Onion Seed and Sets, Spinach, Irish Potatoes, Beets.

SEPTEMBER—Plant Beans, Cabbage, Turnips, Onion Sets, Rye, Barley, Wheat Oats.

OCTOBER—Onion Seed and Sets, Mustard, Radish and Turnips, Wheat, Barley, Oats, Rye, Alfalfa.

Our 30th Year in the Seed Business in Dallas.



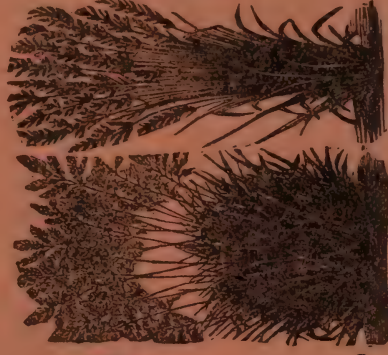
ORCHARD GRASS.



MEADOW FOXTAIL.



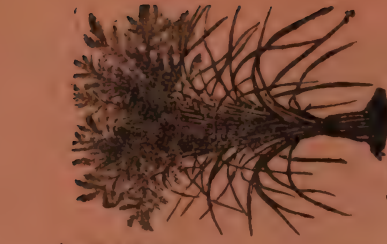
RED TOP.



KENTUCKY BLUE.



SHEEP'S FESCUE.



MEADOW FESCUE.

The above cuts show the kinds of Grass Seeds Required

to make a Permanent Pasture in the South.

ATLAS**PUMPKIN**

Big Tom Field Pumpkins

This grand new pumpkin, the seed of which was offered for the first time last season, is the result of many years' selection from the old Golden Marrow or Michigan Mammoth Pumpkin. So carefully has the selection been made that the Big Toms will run uniformly to more than twice the size and weight. The skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For table use and stock feeding no more profitable or better variety can be grown. Oz. 5c, lb. 50c.

Mammoth Atlas Pumpkin.

King of the mammoths. The great prize pumpkin. This truly colossal variety first came to our attention some years ago, while visiting France, where we secured seed, and distributed it among our customers. The results have been astonishing. No other pumpkin ever introduced has reached such enormous weights and been awarded as many prizes. Hundreds of our customers have raised specimens weighing over one hundred and fifty pounds each, the heaviest ever grown being two hundred and forty pounds. It frequently

attains a diameter of over four feet. The flesh and skin are of a bright golden yellow color, very fine grained, of excellent quality, and, notwithstanding its enormous size, is one of the very best pie or table pumpkins.

Prices for 1903—Seeds saved from specimens selected from our patch, weighing one hundred pounds and over, Seeds saved from the general crop, all good, large, uniform specimens. 1 pound 50c.

Mammoth Etampes Bright Red—This giant variety, from France, is quite celebrated and has been grown in this country to enormous size. It is a bright glossy red color, a splendid variety to grow for exhibition purposes. 50c lb.

Gray Boulogne—Grows to very large, round size, flattened on the ends; skin of a grayish green color; growing to a weight of sixty to seventy-five pounds with ordinary culture. 50c lb.

Mammoth Tours or Citroville—A French variety, which is used largely for cattle feeding; it grows to an immense size, often weighing over 100 pounds. 40c lb.

A Special Collection of Mammoth Pumpkins for 25 Cents.

Vegetable Seed--General List

All seeds from this Catalogue offered in packets, ounces and $\frac{1}{4}$ lbs. will be mailed free; but in quantities of $\frac{1}{2}$ lb. and upward, one of a variety, postage at the rate of 8 cents per pound must be added to catalogue price. To peas and beans add at the rate of 15c per quart, and to corn 10c per quart.

Asparagus Roots

	per 100	per 1000
Palmetto	\$1 50	\$12 00
Colossal.....	1 00	7 00

Beans, Dwarf or Bush

	qt	pk	bush
Henderson's New Bush Lima, 10c pkt; 20c $\frac{1}{2}$ pt; 30c pt.....	50	\$2 00	\$6 00
Burpee's Bush Lima, 10c pkt; 20c 1-6 pt; 30c pt.....	50	2 50	7 00
Henderson's Earliest Red Valentine	30		
Long Yellow, 6 weeks.....	25		
Early Mohawk, 6 weeks	25		
R. Island Dwarf C. knife, 6 wks.....	30		
Early Red Valentine, 6 wks.....	25		
Extra Early Refugee, 6 wks.....	25		
Refugee or 1000 to 1, 6 wks.....	25		
White Marrowfat.....	25		
Improved Golden Wax	25		
Golden Wax.....	25		
Wardell's Kidney Wax	35		
Golden Eyed Wax.....	25		
Black Wax.....	30		
Flagolet Wax.....	35		

Pole Beans

Kentucky Wonder	30
Southern Prolific	30
Crease Back.....	30

Beets

	$\frac{1}{4}$ lb	1 lb
Egyptian turnip.....	20	50
Edmand's early turnip.....	20	50
Eclipse.....	25	70
Bastian's blood turnip.....	25	55
Dewing's Improved blood turnip ..	20	55
Early blood turnip.....	20	50
Early Flat Bassano.....	20	50
Long smooth blood red.....	20	55
Brazilian Variegated.....	20	60
Swiss Chard, silver or sea Kale Beet	20	55

Brussel Sprout

Cabbage

	oz	$\frac{1}{4}$ lb	1 lb
"The Charleston" or large type of Wakefield.....	29	1 25	2 00
Henderson's selected early Jersey Wakefield.....	20	1 00	2 00
Henderson's early summer.....	20	80	2 00
Early Winningstadt	20	69	2 00
Large Early York.....	20	60	2 00
Early York.....	20	60	2 00
Fottler's Imp. Brunswick	20	60	2 00
Express.....	20	60	2 00
Henderson's selected late Flat Dutch	20	70	2 00
American Drumhead Savoy.....	20	75	2 00

Carrots

Early Scarlet Horn.....	5	20	1 25
Half Long Red stumprooted ..	5	20	90
Long Orange, improved	5	20	80
Danvers	5	20	1 00
Oxheart or Gnerande.....	5	20	1 00
Chantenay	5	20	90

Cauliflower

Early Snowball.....	14	00
Ex. Early Dwarf Erfurt.....	10	00
Ex. Early Paris	80	2 75
Early Dondon.....	75	2 50

Corn Salad or Fetticus

Large leaved	10	25	80
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Cucumber

Green Prolific.....	
Early Frame	
Long Green.....	
Early Cluster.....	
Imp Early White Spine.....	

Headquarters for Poultry Food

Kale or Boreale

	oz	¼ lb	1 lb
Dwarf, green curled Scotch.....	15	25	1 00
Brown German curled	20	60	2 00

Lettuce

Golden Queen.....	10	25	1 00
Early curled Simpson		20	1 00
Blackseed Simpson.....		20	1 00
Deacon.....		20	1 00
Tennis Ball (blk seeded).....		20	1 00
Boston Market.....		20	1 00
Large white summer cabbage...		20	1 00
Prize Head.....		20	1 00
All the year around		20	1 00
Hardy green winter		20	1 00
Paris white Cos		20	1 00
Hanson.....		20	1 00

Melon--Musk

The Banquet.....	10	25	75
New early Hackensack.....		25	95
Emerald Gem.....	5	20	90
Montreal Market.....	5	25	75
Netted Gem.....		20	75
Nutmeg.....		25	75
Baltimore or Acme.....		25	75
Hackensack.....		25	75

Mushroom Spawn

English, 15c per lb; by mail, 25c; 8 lbs for \$1 00.
French, in boxes, 2 lbs. 75c; by mail, 95c.

Onions, Varieties for Spring Sowing

Prizetaker, Southern.....	20	90	1 50
Extra Early Red.....	15	50	1 60
Wethersfield, large red.....	15	50	1 50
Yellow Glove Danvers	15	50	1 50
White Portugal or Silver Skin...	30	1 00	2 50
Southport White Globe	15	1 00	2 00
Large Red Globe.....	15	50	1 60
Red Bermuda.....	20	70	2 25
White Bermuda ..	20	70	2 25
Giant Rocca	15	45	1 25
Large White Italian Tripoli.....	20	50	2 75

Onion Sets

White Multiplier.....	
White Onion Sets.....	Quart. 10 cents
Yellow Onion Sets.....	By mail
Potato Onions.....	
Top or Button Onions.....	15 cents
Schallots.....	

Parsley

	oz	¼ lb	1 lb
Moss Curled	10	30	1 00
Double Curled.....	10	30	90

Peas—Extra Early

	qt	pk	bu
First and Best.....	25	1 50	6 50
Alaska	25	1 50	6 50
Blue Beauty.....	30	1 50	6 50
American Wonder	35	1 25	7 50
Philadelphia	25	1 15	6 50
Imp. Daniel O'Rourke.....	15	1 75	4 00
McLean's Little Gem.....	25	1 75	6 00
Ex. Early Mixed Premium.....	25	1 75	6 00
Tom Thumb	35	1 75	6 00
Yorkshire Hero	25	1 50	5 00

Second Early Varieties

McSean's Advancer.....	25	1 50	5 50
Horsford's Market Garden.....	25	1 75	6 00

For General Crop

Abundance	25	1 50	5 60
Everbearing.....	30	1 75	6 00
Champion of England.....	25	1 50	5 00
White Marrowfat.....	20	1 00	3 00
Blackeyed Marrowfat.....	20	1 00	3 00

Radish

	oz	½ lb	1 lb
Rapid Forcing.....	10	40	1 00
Long Scarlet, short top.....	10	20	65
Early Scarlet Turnip.....	10	30	70
Early White Turnip.....	10	25	60
White Tipped Scarlet Turnip.....	10	20	60
White Strasburg	10	30	1 90
French Breakfast.....	10	15	75
Yellow Summer Turnip.....	10	25	80
White Summer Turnip	10	25	80
Beckert's Charter.....	10	25	70
Rose China Winter.....	10	30	90
Early Scarlet Globe.....	15	40	1 10
Long White Vienna.....	10	30	1 00
Long Black Spanish	10	30	80

Salsify

White French.....	15	40	1 25
Sandwich Island Mammoth.....	20	50	1 75

Spinach

Savoy Leaved.....	5	15	25
Round Leaf.....	5	15	25
Round Standing	5	15	25
Prickly	5	15	25

Headquarters for Berry Boxes

Tomatoes	oz	¼ lb	1 lb
Crimson Cushion.....	20		3 00
Ponderosa.....	20		3 00
Early Ruby.....	25	75	2 50
Table Queen.....	30	1 00	3 00
Dwarf Champion.....	25	75	3 50
Beauty.....	20	70	2 25
Trophy, extra selected.....	20	1 00	2 50
Favorite.....	20	69	2 00
Perfection.....	20	60	2 00
Acme.....	20	60	2 00

Turnips

Extra Early Milan.....	5	15	60
Red Top Strap Leaf.....		15	40
Early White Strap Leaf.....		15	40
Early Flat Dutch.....		15	40
Purple Top White Globe.....		15	40
Long White or Cow Horn.....		20	35

	oz	¼ lb	1 lb
White Egg.....		20	40
Yellowstone.....		20	40
Yellow Globe.....		20	40
Yellow Aberdeen.....		20	40
Early Snowball.....		25	40

Rutabaga, Russian or Swedish Turnip

Long Island Improved.....	25	40
Imp. Americaq, purple top...	20	40
Skirring's, purple top.....	29	40
Large White French.....	20	40

Roots

	per 100	per 1000
Asparagus, The Palmetto...	1 50	12 00
Asparagus, Colossal.....	1 00	7 00
	Each	Doz
Rhubarb, St. Martin's.....	20	2 00
Rhubarb, Linnaeus.....	15	1 50

Seeds Requisite to Produce a Given Number of Plants to a Given Amount of Ground.

	ACRE		ACRE
Artichoke.....	2 bu	Kohl-Rabi, 1 oz to 200 ft of drill.....	1½ lbs
Asparagus, 1 oz to 200 plants.....	5 lbs	Leek, 1 oz to 250 ft of drill.....	4 lbs
Barley.....	2½ bu	Lettuce, 1 oz to 250 ft of drill.....	3 lbs
Beans, Dwarf, 1 qt to 150 ft of drill.....	1¼ bu	Melon, Musk, 1 oz to 100 hills.....	1¾ lbs
Beans, Pole, 2 qts to 200 hills.....	½ bu	Melon, Water, 1 oz to 25 hills.....	1½ lbs
Beet, Garden, 1 oz to 100 ft of drill.....	10 lbs	Nasturtium, 1 oz to 50 ft of drill.....	10 lbs
Beet, Mangel, 1 oz to 150 ft of drill.....	6 lbs	Oats.....	2½ bu
Broccoli 1 oz to 3000 plants.....	5 oz	Okra, 1 oz to 50 ft of drill.....	10 lbs
Broom Corn.....	10 lbs	Onion Seed, 1 oz to 200 ft of drill...	6 lbs
Brussels Sprouts, 1 oz to 3000 plants...	5 oz	Onion Seed, for transplanting.....	2 lbs
Buckwheat.....	½ bu	Onion Seed, for sets.....	30 lbs
*Cabbage, 1 oz to 3000 plants.....	5 oz	Onion Sets, 1 pt to 20 ft of drill.....	8 bu
Carot, 1 oz to 250 ft of drill.....	2½ lbs	Parsnip, 1 oz to 250 ft of drill.....	5 lbs
*Cauliflower, 1 oz to 300 plants.....	5 oz	Parsley, 1 oz to 250 ft of drill.....	8 lbs
*Celery, 1 oz to 10,000 plants.....	4 oz	Pear, Garden, 1 qt to 250 ft drill.....	2½ bu
Clover, Alsike and White Dutch.....	6 lbs	Peas, Field.....	1½ bu
Clover, Alfalfa.....	25 lbs	Pepper, 1 oz to 1500 plants.....	4 oz
Clover, Medium.....	10 lbs	Potatoes.....	20 bu
*Collards, 1 oz to 250 plants.....	6 oz	Pumpkins, 1 quart to 300 hills.....	4 qts
Corn, Sweet, 1 qt to 500 hills.....	8 pts	Radish, 1 oz to 150 ft of drill.....	8 lbs
Cress, 1 oz to 150 ft of drill.....	8 lbs	Rye.....	1 bu
Cucumber, 1 oz to 80 hills.....	1¾ lbs	Salsify, 1 oz to 60 ft of drill.....	8 lbs
Egg Plant, 1 oz to 2000 plants.....	3 oz	Spinach, 1 oz to 150 ft of drill.....	10 lbs
Endive, 1 oz to 300 ft of drill.....	3 lbs	Summer Savoy, 1 oz to 500 ft drill..	2 lbs
Flax, broadcast.....	¼ bu	Squash, summer, 1 oz to 40 hills.....	2 lbs
Grass, Blue Kentucky.....	2 bu	Squash, winter, 1 oz to 10 hills.....	3 lbs
Grass, Hungarian and Millet.....	1 bu	Tomato, 1 oz to 3000 plants.....	3 oz
Grass, Mixed Lawn.....	3 bu	Tobacco, 1 oz to 5000 plants.....	2 oz
Grass, Orchard, Perennial Rye, Red Top,		Turnip, 1 oz to 250 ft of drill.....	1½ lbs
Fowl, Meadow, Wood Meadow.....	2 bu	Vetches.....	2 bu
Garlic Bulbs, 1 lb to 10 ft of drill.....		Wheat.....	1 to 2 bu
Hemp.....	2 bu		
Kale, 1 oz to 300 plants.....	4 oz		

*The above calculations are made for sowing in the Spring.

Headquarters for Planet Jr. Goods

"PLANET JR." No. 11

Double Wheel Hoe,
Cultivator, Rake
and Plow.

Price, \$



Planet Junior Garden Tools—Planet Sr. Drill No. 2: This is known the world over and is the most perfect drill known. It holds $2\frac{1}{2}$ quarts of seed and sows in a regular stream; it is very simple—no cogs, belts or gearing of any kind. Price,

Planet Jr. No. 4, Combined Hill and Seed Driller: This tool combines a hill dropping seed, a perfect drill, single wheel hoe, a rake and plow; it is thrown out of gear by simply raising the handles. With this implement a farmer can work all his small crops. Price,

No. 12, Double Wheel Hoe, Cultivator and Plow: A gardener cannot do without this tool, as it saves the work of three men, doing it quicker, better and more satisfactory; it is light, strong and easily adjusted. \$2.75.

Send for special list for the full assortment of Planet Jr. gardening tools. Mailed free.

Planet Jr. No. 5, Hill and Seed Driller, $16\frac{1}{2}$ in. drive wheel. Hopper holds 4 quarts. Price \$14.00.

Planet Jr. No. 21, Hill and Drill Seeder and Fertilizer Drill. Price \$19.00.

Planet Jr., Single Wheel Hoe, with 1 pair hoes, 3 cultivator teeth, 1 plow and 1 pair rakes. Price \$5.50.

Planet Jr., Single Wheel Hoe, with 1 pair hoes only. Price \$3.25.

Planet Jr. No. 10, Double Wheel Hoe, with 1 pair hoes, 2 pairs cultivator teeth, 1 pair plows, 1 pair rakes and 1 pair leaf lifters. Price \$7.25.

Planet Jr. No. 10, Plain Double Wheel Hoe, with 1 pair hoes only. Price \$4.25.

Planet Jr. No. 11, Double Wheel Hoe with 2 pairs hoes, 2 pairs cultivator teeth, 2 pairs rakes, 1 pair plows and 1 pair leaf lifters. Price \$9.50.

Planet Jr. No. 12, Double Wheel Hoe, with 1 pair hoes, 2 pairs cultivator teeth, 1 pair plows and 1 pair leaf lifters. Price \$7.25.

Planet Jr. No. 13, Double Wheel Hoe, with 1 pair hoes only. Price \$4.75.

Planet Jr. No. 15, Single Wheel Hoe, with 2 pairs hoes, 3 cultivator teeth, 3 rakes, 1 plow and 1 leaf lifter. Price \$7.25.

Planet Jr. No. 16, Single Wheel Hoe, with 1 pair hoes, 3 cultivator teeth, 2 rakes, 1 plow and 1 leaf lifter. Price \$6.00.

Planet Jr. No. 17, Single Wheel Hoe, with 1 pair hoes, 3 cultivator teeth and 1 plow. Price \$4.75.

Planet Jr. No. 18, Single Wheel Hoe, with 1 pair hoes only. Price \$3.50.

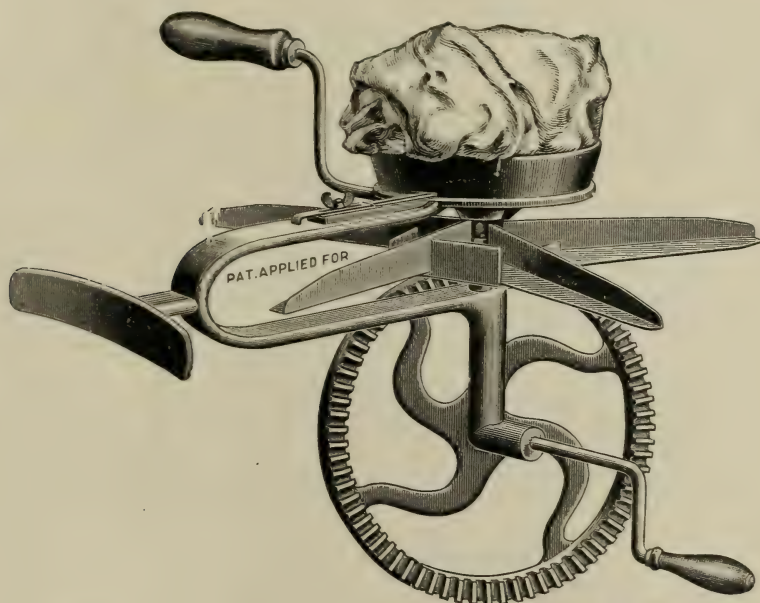
The Fire Fly Single Wheel Hoe, Cultivator and Plow. Price \$4.50.

How and When to Plant a Garden to Make it Profitable.

First, plow your garden well in the fall, then give same a heavy dressing of partly decayed stable manure or fertilizer; in the absence of stable manure, use Ground Bone Dust. By January your ground will be mellow and will raise almost any kind of vegetable,

SEED SOWER

Calhoun \$4.00, Cyclone \$3.00, Fiddle Bow \$2.00. These labor savers sow all kinds of seed; for sowing Alfalfa Clover they are indispensable



Price.....\$1.50 each

The Premier Broadcast Seed Sower

**The Strongest, Neatest and Most Compact
Hand Seed Sower Ever Made.**

Free with order for \$10.00 worth Seed from this Catalogue.

Directions for Sowing Grass Seeds and Forage Plants

The soil, climate and conditions of the Southern States are so different from those of the North that different species of plants, as well as different methods of culture and treatment, are necessary to success in the making of meadows and pastures. Although the growing season is almost continuous for some species, there are none that will make a vigorous growth throughout the year, and permanent pastures can be made only with mixtures of several species which make their growth at different seasons. The kinds of grass seed to make a permanent pasture are the following: Colorado Grass, Rescue Grass, Brome, Italian Rye, Meadow Fescue Grass, Canadian Blue Grass, Red Top Herds Grass, English Rye Grass, *Brumus Inermis*. These sown together will make a fine permanent pasture and will keep green the whole year round if sown according to directions. \$2.00 bu.

Bermuda Grass

Seed should be sown in spring and fall, four pounds to the acre. Ground should be well prepared, seed sown and ground well rolled. Price 75c.

Lawn grass mixture for lawns; sow at the rate of 25 pounds to the acre. Price, 20 cents per pound. Sow in February and March.

Rescue Grass

This is the best winter grass that grows, and makes a permanent pasture and reseeds itself. It never fails to make a crop. Plant in January, February and March; 25 lbs to acre. Price, \$2.50 bushel of 20 lbs.

Kentucky Blue Grass

This grass is planted for lawns; does better when it can get some shade; keeps green all winter. Lb. 20c; Bu. \$2.00.

Velvet Beans

This Bean makes ten tons of forage to the acre and has no equal as a forage plant. Stock are very fond of it. It also kills out Johnson Grass. Mr. H. Smith says he had two acres of Johnson grass, and planted Velvet Beans in March and they completely killed out the Johnson grass. Plant one peck to the acre; treat like corn. Price \$1.00 per peck.

MAKE YOUR HENS LAY

And Your Chickens More Profitable.

=====BY USING=====

SECURITY Poultry Food

Exclusive Agents for Dallas for Security Stock and Poultry Food.

The most reliable food on the market. Cures Cholera, Roup, Catarrh, and prevents all other diseases of the poultry yard. You cannot afford to be without it. Prices: 25-lb bag, \$3.50; 1 dozen packages, \$3.00; ½-dozen packages, \$1 75; ¼-dozen packages, \$1.00. Mail orders receive prompt attention. Dealers, write for discount.

POULTRY SUPPLIES

Bone Meal, Ground Oyster Shell, Mica Crystal Grit.

Colic Cure	\$1.00
Gall Cure	(bot)..... .25
Worm Powder.....	(bot)..... .50
Poultry Food.....	(pkt)..... .25
Antiseptic Healer.....	(bot)..... .50
Rheumatic Liniment.....	.50
Heave Remedy.....	.50
Stock Food	(pkt)..... .25

These goods have been tested by us and are superior to any in the market. Send for catalogue giving description and be headquarters for Poultry Supplies.

Okra or Gombo

GOMBAUD (Fr.)

ESBARRE HIBISCUS (Ger.)

FOMBO (Sp)

This is a highly esteemed vegetable throughout the entire country. The seed-pods are used in soups, while young and tender, to which it imparts an aromatic flavor; it is also stewed, and served up with butter. Sow the seed late in Spring, in very rich soil, in drills two feet apart, observing that the ground is warm; as if cold and moist, the seeds will invariably rot; and when the plants are up, thin out to a foot apart. The green pods may be preserved for Winter use by cutting them in halves, stringing and drying them. The seeds can also be ripened, which, when roasted, makes a very excellent substitute for coffee.

White Velvet—An entirely distinct variety, the pods of which are round and smooth, but covered with a fine fibre resembling velvet; we regard it as one of the finest varieties. Per oz. 10 cts; $\frac{1}{4}$ lb., 25 cts; lb., 75 cts.

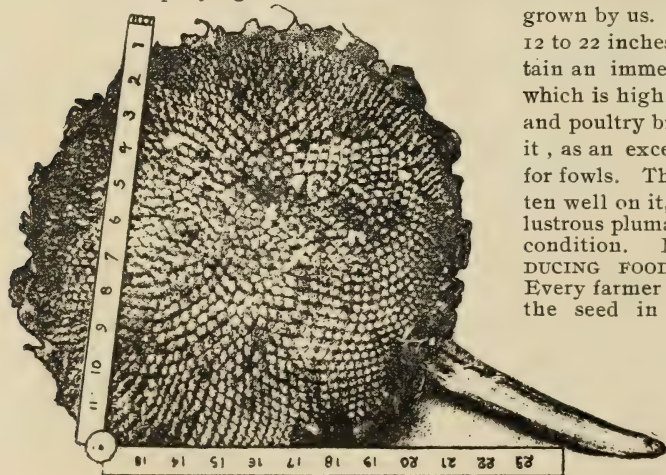
Tall, or Long Green—A tall growing variety, producing long, thin pods. Per oz., 10 cts; $\frac{1}{4}$ lb., 20 cts; lb., 60 cts.

Southern White—This variety is esteemed very highly in the South; its growth is about five feet, producing long, cream-colored pods in great abundance, which are perfectly smooth. Per oz., 10 cts; $\frac{1}{4}$ lb., 25 cts; lb., 60 cts.



Mammoth Russian Sunflower

The accompanying illustration was drawn from a mammoth head of this variety



grown by us. Single heads measure 12 to 22 inches in diameter, and contain an immense quantity of seed, which is highly valued by all farmers and poultry breeders who have tried it, as an excellent and cheap food for fowls. They eat it greedily, fatten well on it, and attain a bright, lustrous plumage, and strong, healthy condition. It is the best EGG PRODUCING FOOD known for poultry. Every farmer should plant some of the seed in any waste piece of ground, any time from early spring up to the middle of July. Four quarts of seed will plant an acre. Price, 15 cents quart.

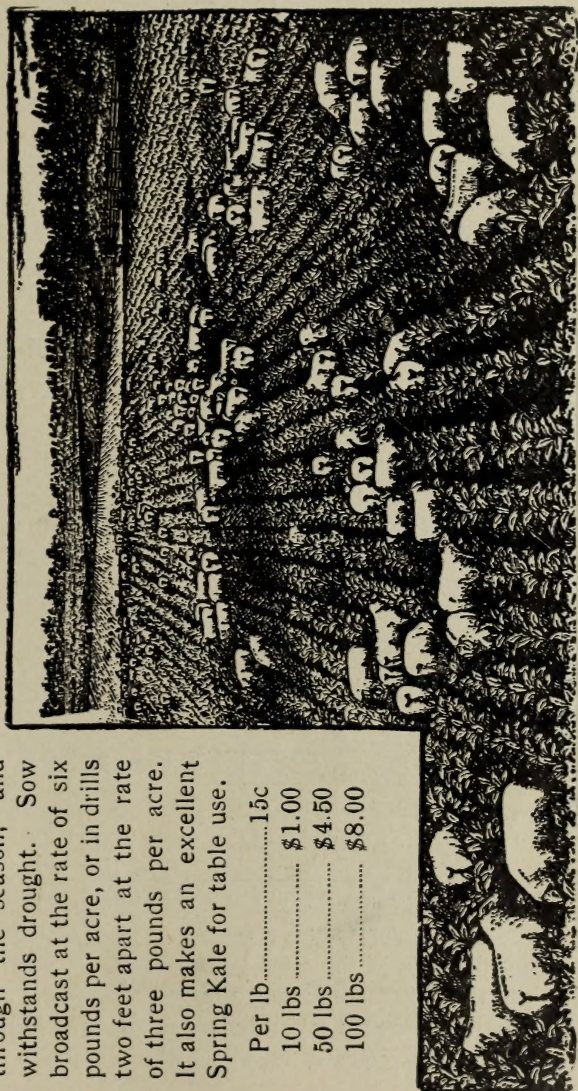
Turkeston Alfalfa

This is a dry weather clover and stands dry weather better than any other clover. It is a native of Asia. Sow 25 lbs to acre.

Dwarf Essex Rape

A forage plant of the greatest value. The sheep and cattle farmers of Great Britain regard it as an indispensable crop, and so will the American farmer when it becomes better known. Its cultivation is greatly on the increase in this country on account of its very rapid growth. It attains a height of three feet, producing 20 to 25 tons of green forage per acre, and makes full growth in ten weeks from sowing. It also affords fine pasture for sheep, hogs or cattle in four or five weeks. It is perfectly hardy and can be sown all through the season, and withstands drought. Sow broadcast at the rate of six pounds per acre, or in drills two feet apart at the rate of three pounds per acre. It also makes an excellent Spring Kale for table use.

Per lb	15c
10 lbs	\$1.00
50 lbs	\$4.50
100 lbs	\$8.00



A FIELD OF DWARF ESSEX RAPE GIVEN TO SHEEP FEEDING.

HOT-BEDS

In order to secure a supply of early vegetables, a hot-bed frame is indispensable. It can be constructed by any man, at a very small cost. It consists of a wooden frame, generally six feet wide, and from six to sixteen feet long, according to the supply of early vegetables required; one side to be at least six inches higher than the other; the frame to be sub-divided by cross-bars, and each division covered by a glazed sash; the sides and ends should be joined by hooks and staples, to admit of its being taken apart, and stored away when required. After completion, place it on the manure bed, prepared in the following manner: The frame should face the south or southeast; fill in about ten inches of rich pulverized soil, and allow it to stand a few days, giving it air by slightly raising the sash, so that the fiery vapor or steam may escape. The seeds of Cabbage, Cauliflower, Egg-Plant, Pepper, Tomato, and many other varieties may be sown, and the plants planted out as soon as the frosty weather is over.

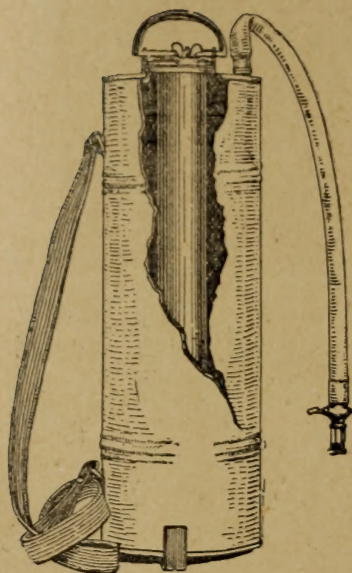
Preparing Manure for Hot-Beds

Fresh stable manure only, not exceeding six weeks old, is suitable for this purpose. Turn it over into a compact heap, protected from heavy rains or snow, allow it to remain so for about eight days, when it should be made up into the requisite form to suit the frame. If there is a scarcity of manure, use with it one-half fresh tanner's bark. Egg-Plant requires strong heat to vegetate it; for such the hot material will require to be two feet thick. Where the ground is quite dry, a very good method is to dig a space about eighteen inches deep, and put the manure therein; tramp it firmly and evenly, place thereon the frame and sash; put in the rich earth, and in about four days sow the seed, having previously stirred the earth freely to destroy any seeds or weeds therein.

COLD FRAME

Is a simple construction of boards for wintering Cabbage, Lettuce, Cauliflower, or Brocoli, for planting out early in spring. Select a dry southern exposure; form a frame from four to six feet wide, and as long as is required. The back should be fourteen inches, and the front six inches high, with a cross-tie every six feet. Seeds of Cabbage, Lettuce, Cauliflower, and Brocoli, sown in the open border early in September, will be ready to plant into the cold frame about the end of October. The soil should be well prepared and smoothly raked before planting. Admit air freely on all pleasant days, but keep closed during severe weather.

A Self-Operating or Automatic Sprayer.



The Climax of all Sprayers. Combines every conceivable point of excellence, including durability, low price and ease in carrying and operating. Weighs, when empty, 7 pounds; when loaded, 39 pounds. Holds 4 gallons.

Price, - - \$5.00

New Era Sprayer.

Galvanized Reservoir, capacity one quart, \$1. A boy can use it and do more effective work than with any other Sprayer.



FLOWER SEEDS



Astors, Nuw
 Astors, White Ladie
 Astors, Princess Pauline
 Balsam, Alba Perfecta, Double
 and Pink
 Balsam, Blue Perfection
 Nicotiana Silvestris
 Forget-me-not
 Verbena, New Moss
 Verbena, White

Verbena, Red, Scarlet
 Pansey, Master Piece
 Petunia, New Snowball
 Petunia, Fine Mixed
 Ageratune
 Alyssum, Sweet
 Asters, Snow White
 Asters, Crimson Rose
 Asters, Choice Mixed
 Asters, Victoria

Chrysanthemum, Dwarf
 Chrysanthamum, Fine Mixed
 Ballsom Vine
 Cypress Vine
 Fine Mixed Vine
 Morning Glory Vine
 Moon Flower
 Maderia Vine
 Balsam Apple
 Balsam Pear

Spring Flower Seed—Plant in February and March.

Dwarf Double Sunflower,
 Hollyhocks, single and
 double,
 Sweet Williams, mixed,
 Hibiscus,
 Peonies,
 Honeysuckle,
 Phlox,
 Clematis,
 Cannas, mixed,
 Ageratum, fine mixed,
 Adonis,
 Asylum, white and yellow
 Asters, choice mixed,
 Balsam,
 Baloon Vine,
 Carnations,
 Candy Tufts,
 Chrysanthemum,
 Colens,



Madam Gunter's Nasturtiums.

Cock's Comb,
 Cypress Vine,
 Daisies,
 Morning Glories,
 Gounds,
 Geraniums,
 Forget-Me-Nots,
 Larkspur,
 Balsam Vine,
 Moon Flower,
 Lobelia,
 Marigolds,
 Mignon,
 Four O'Clock,
 Nasturtiums,
 Pansies,
 Poppies,
 Zinnias,
 Verbenas.